

1. (Previously Amended) A networking system for a home or business site, comprising:

a bridge adapter unit having an inlet port for receiving public network protocol signals; and

a telephone wiring structure in the site, the wiring structure having multiple end points and one or more junctions, and connected at a single point to an outlet port of the bridge adapter unit;

characterized in that the bridge adapter unit drives the telephone wiring structure according to a Local Area Network (LAN) protocol, translates the public network protocol signals to the LAN protocol, and modulates the signals in a manner to correct signal variations at the end points due to having multiple end points driven from a single point at the bridge adapter unit.

2. (Previously Amended) The networking system of claim 1 further comprising one or more converters connected at individual ones of the end points, the one or more converters comprising each an outlet port to connect to a single-media or a multi-media device, the converters converting the LAN signals to a form required by the single-media or multi-media device.

3. (Previously Amended) The networking system of claim 2 further comprising one or more single-media or multi-media devices connected to one or more of the converters.

4. (Previously Amended) The networking system of claim 3 wherein the single-media and multi-media electronic devices include one or more of telephones, personal computers, fax machines, and televisions running

through set top boxes.

7. (Previously Amended) A method for implementing a networking system, comprising the steps of:

- (a) delivering public network protocol signals to the level of a home or business site;
- (b) installing a bridge adapter unit having an inlet port for the public network protocol signals at the site;
- (c) connecting a telephone wiring structure having multiple end points and one or more junctions, at a single point to an outlet port of the bridge adapter unit;
- (d) driving the telephone wiring structure according to a Local Area Network (LAN) protocol by the bridge adapter unit, translating converting the public network protocol signals into the LAN protocol; and
- (e) modulating the signals in a manner to correct variations at the end points due to having multiple end points driven from the single point at the bridge adapter unit.

8. (Previously Amended) The method of claim 7 comprising a further step installing one or more converters connected at individual ones of the end points, the one or more converters comprising each an outlet port to connect to a single-media or a multi-media device, the converters converting the LAN signals to a form required by the single-media or multi-media device.

9. (Previously Amended) The method of claim 8 wherein, in the further step, the single-media or multi-media devices include one or more of telephones, personal computers, fax machines, and televisions running through set-top boxes.

14. (Original) The networking system of claim 3 wherein individual ones of the converters are integrated into individual ones of the single-media or multi-media devices.

15. (Original) The networking system of claim 3 wherein individual ones of the converters are internal modules of individual ones of the single-media or multi-media devices.

16. (Original) The method of claim 8 wherein individual ones of the converters are integrated into individual ones of the single-media or multi-media devices.

17. (Original) The method of claim 8 wherein individual ones of the converters are internal modules in individual ones of the single-media or multi-media devices.